C18OP Operations Management

COURSE DETAILS
Course Code: C18OP
Full Course Title: Operations Management
SCQF Level: 8
SCAF Credits: 15
Available as Elective: Yes

DELIVERY LEVEL
Undergraduate: Yes  Postgraduate Taught: No  Postgraduate Research: No

Additional Information:

COURSE AIMS
- To acquire knowledge about managing operations & resources in organisations of various sizes; private, public & not-for-profit.
- To explore basic strategic & managerial perspectives & frameworks of operating systems.
- To develop an understanding of the many internal & external factors that impact on the development of effective operating systems.
- To recognise & appreciate the role of technology & its impact on operations management.
- To appreciate the impact decisions made by operations managers have on an organisation's competitive performance.
- To evaluate the role of the Operations Manager.
- To explore the international dimension of Operations Management.

LEARNING OUTCOMES – SUBJECT MASTERY
- Describe & explain the operations management concepts and techniques which can be used to support management decision making.
- Understand and use new developments in operations management thinking.
- Solve real operational problems by the application of theoretical and analytical operational models.
- Develop the ability to research a particular dimension of operations management.
- Develop analytical & evaluation skills.
LEARNING OUTCOMES – PERSONAL ABILITIES

- Demonstrate an interest and awareness of current developments in operations management.
- Explain the subjective, ever-changing and uncertain nature of the environment within which operations managers operate.
- Work independently and as part of a group.
- Develop time and project management skills.
- Communicate and present ideas effectively by written and verbal means.

SYLLABUS

- Operations management and strategy
- Social, environmental and economic performance
- Product and service design
- Process design
- Facilities location, layout and flow
- Supply network design
- Capacity management
- Inventory management
- Planning and control
- Lean synchronisation
- Quality and operations improvement

LOCATION AND ASSESSMENT METHODS

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